

FIG. 1

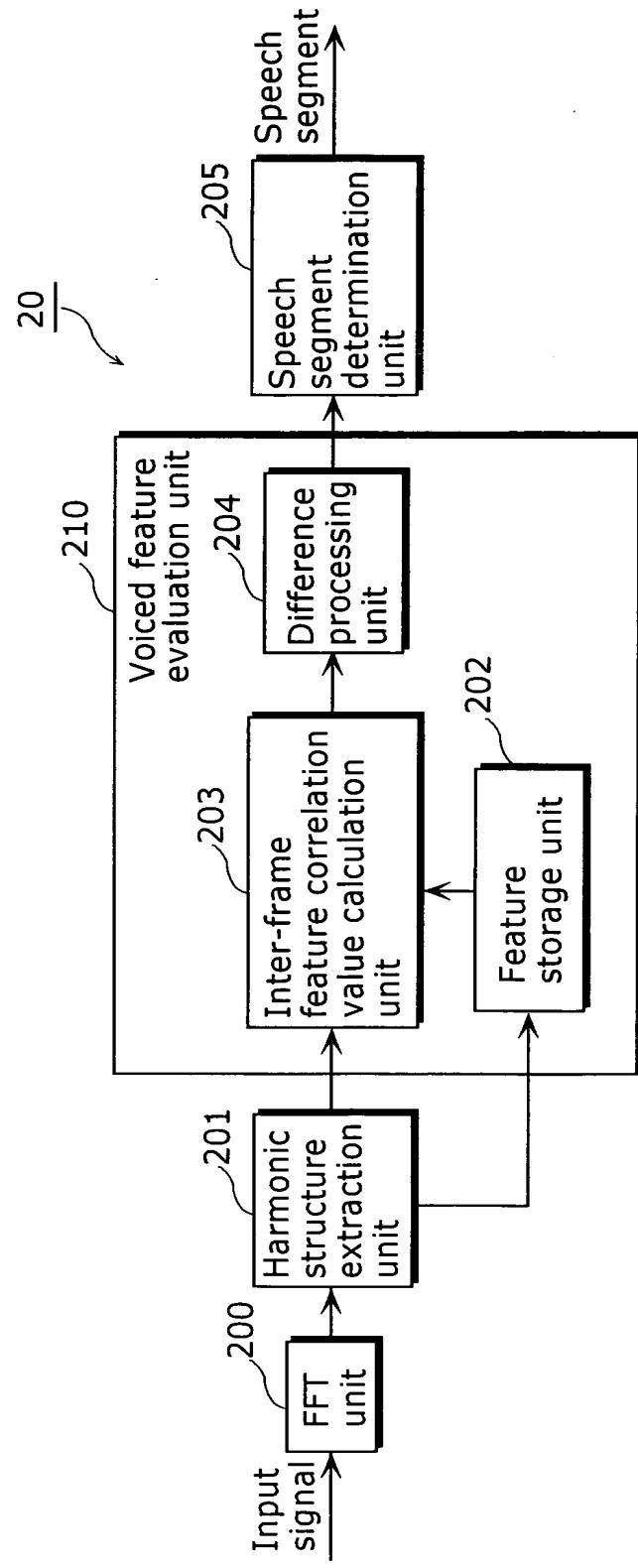


FIG. 2

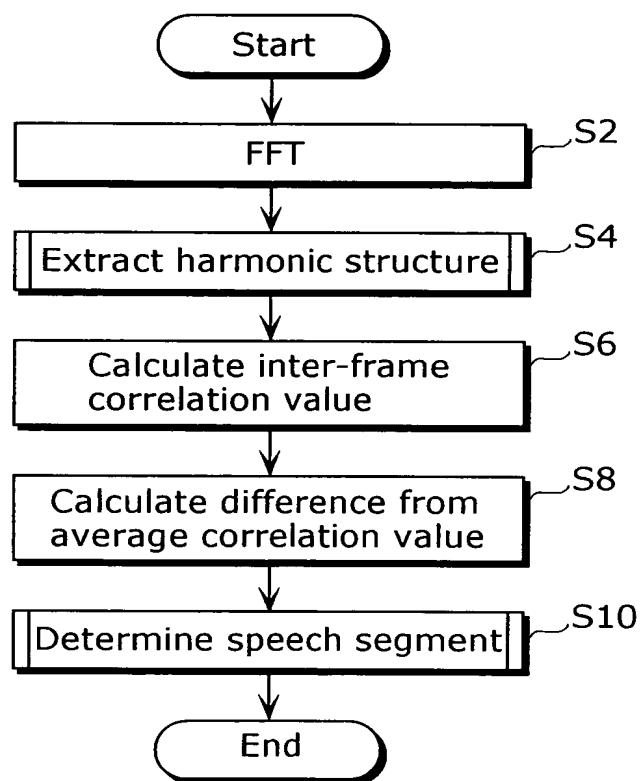


FIG. 3

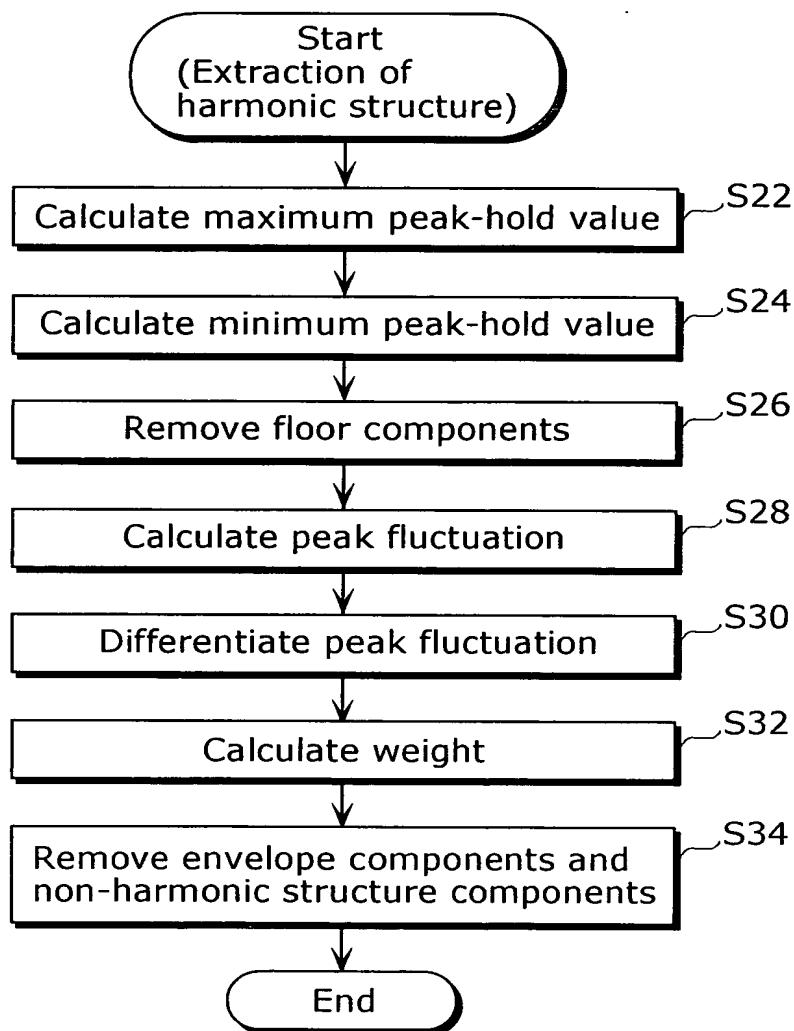


FIG. 4

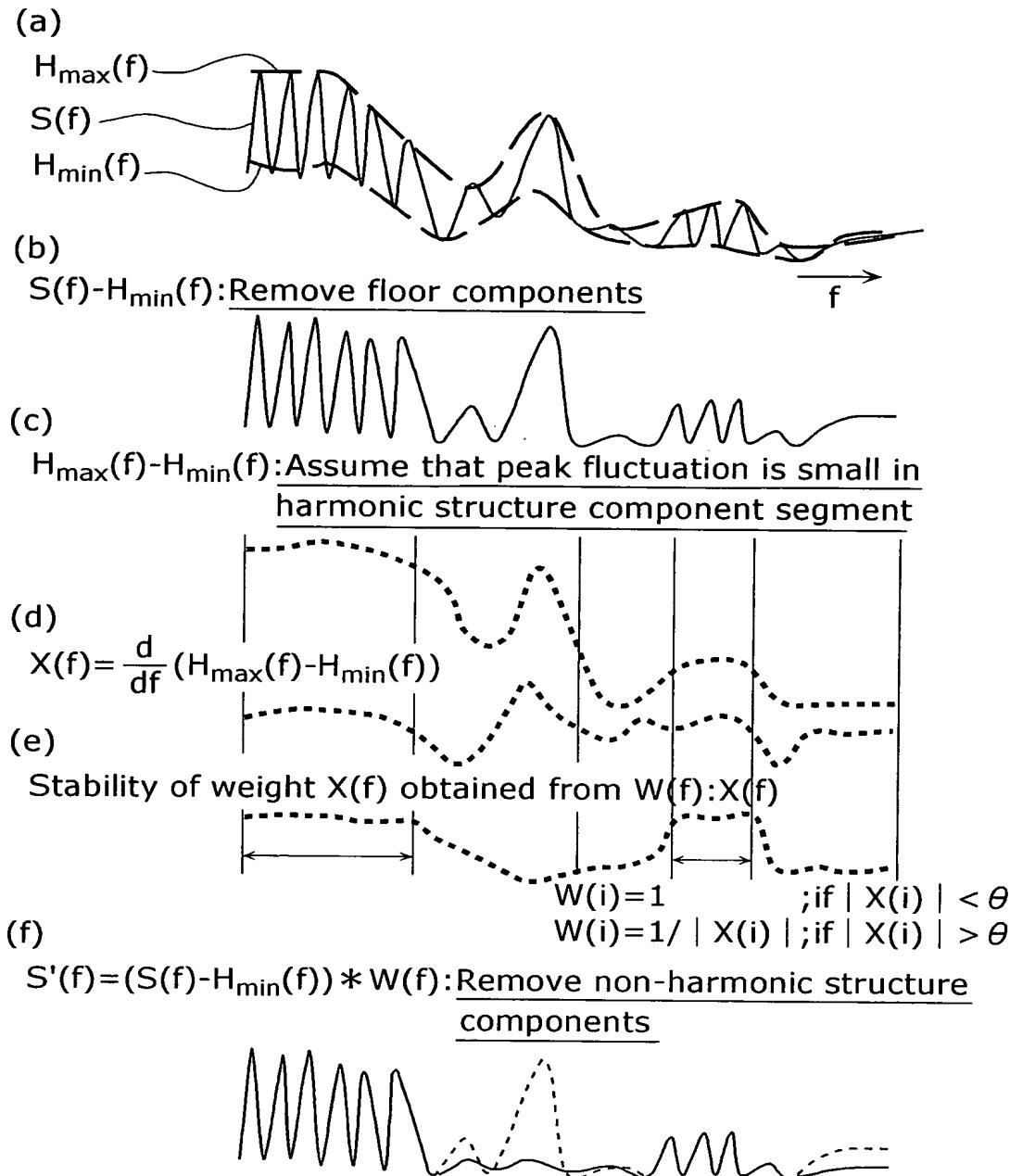


FIG. 5

Vacuum cleaner noise SNR05dB

Waveform f2:max 4948.14/-4017.97

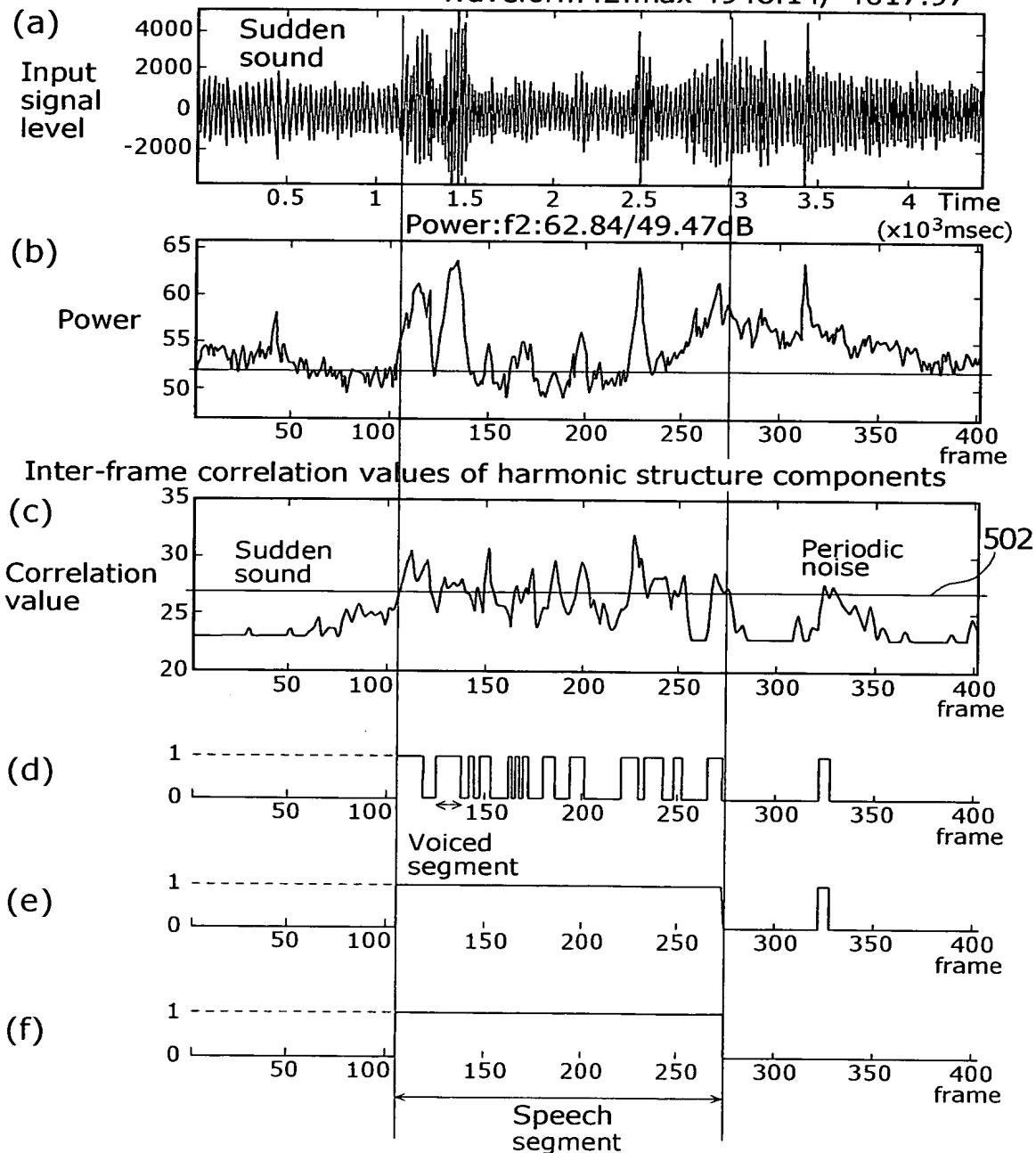
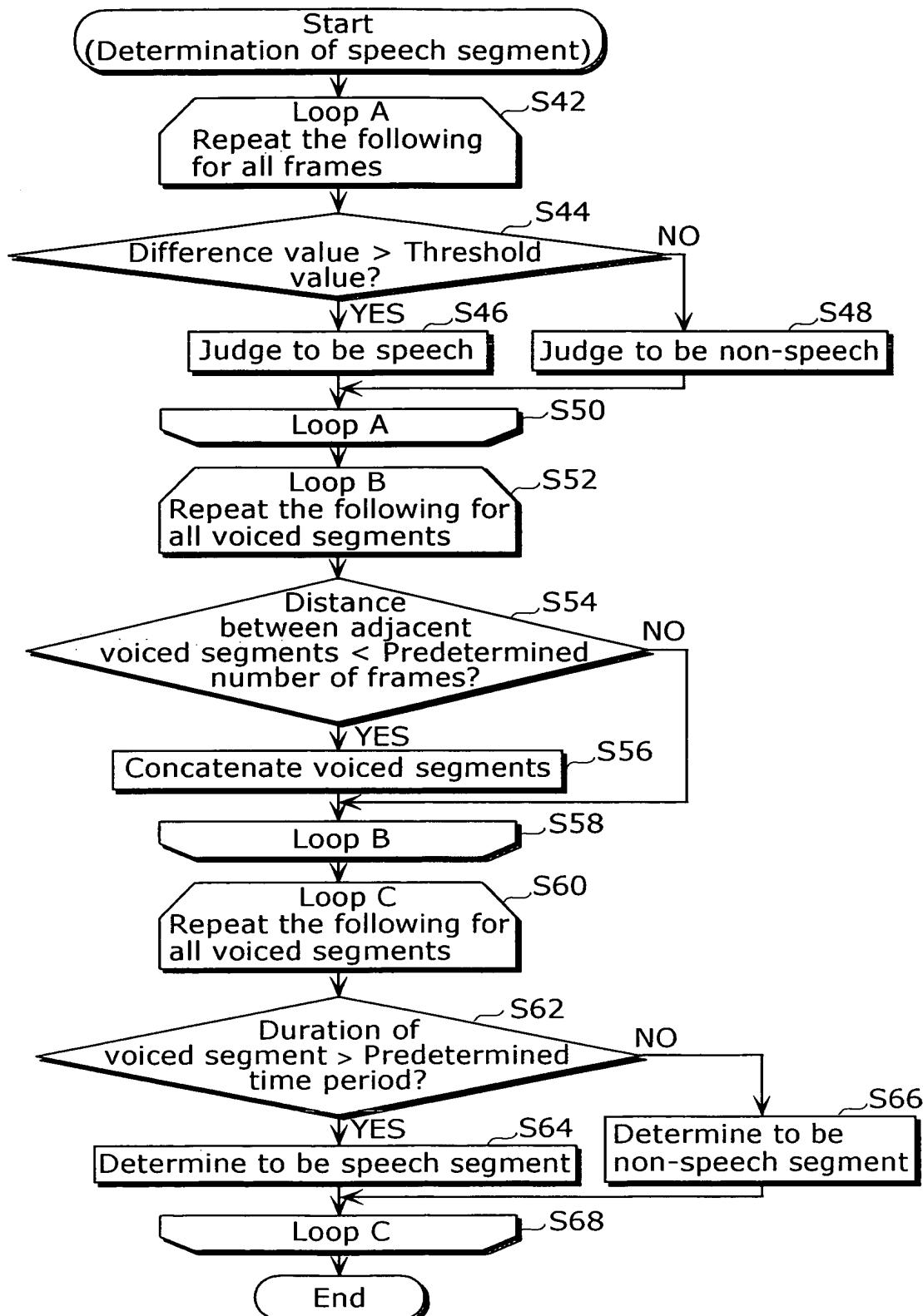


FIG. 6



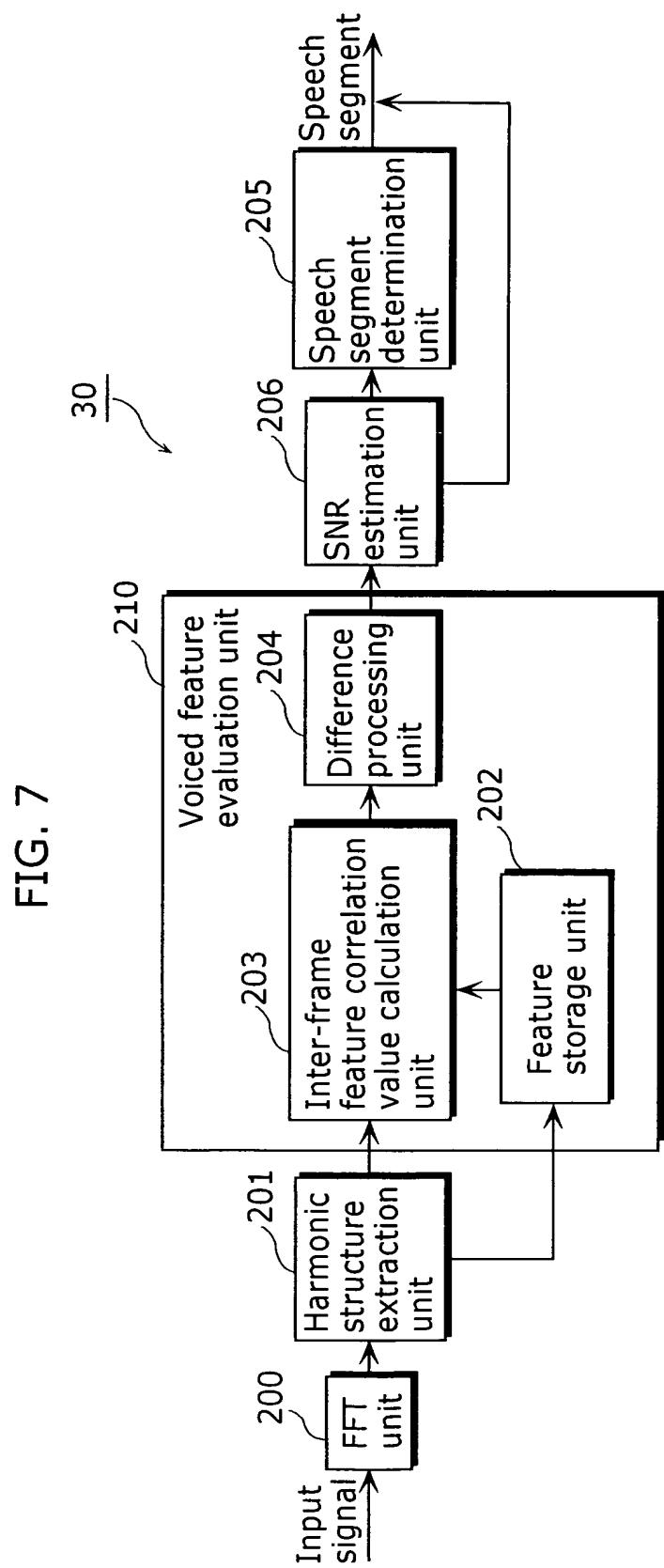
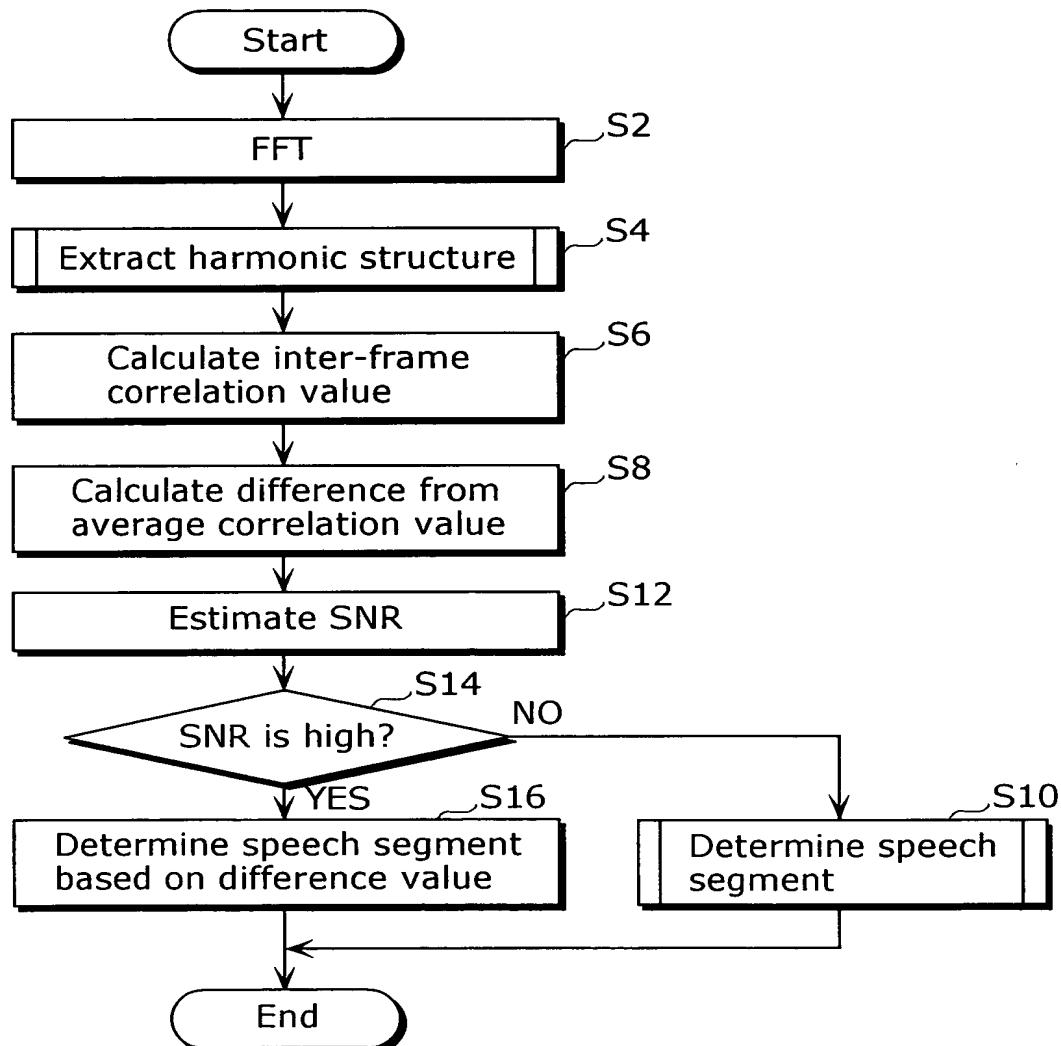


FIG. 8



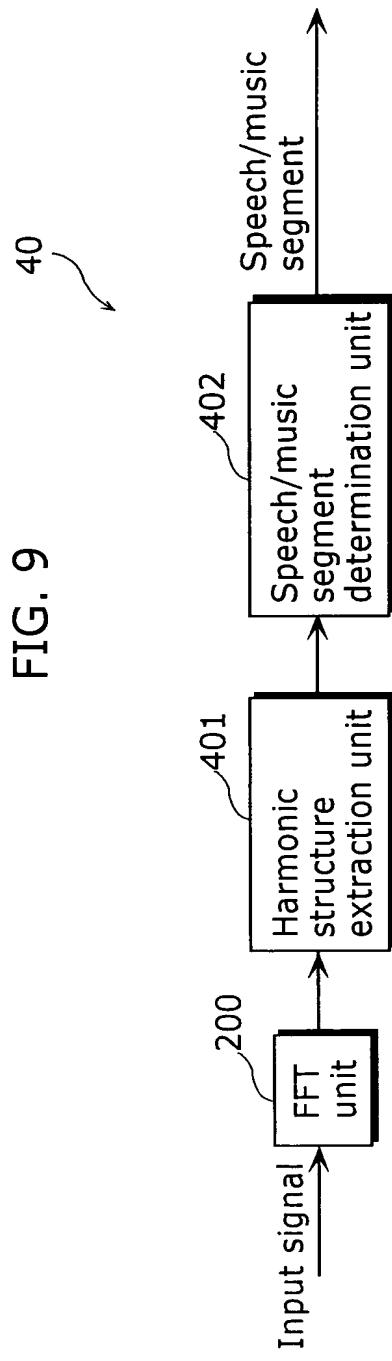


FIG. 10

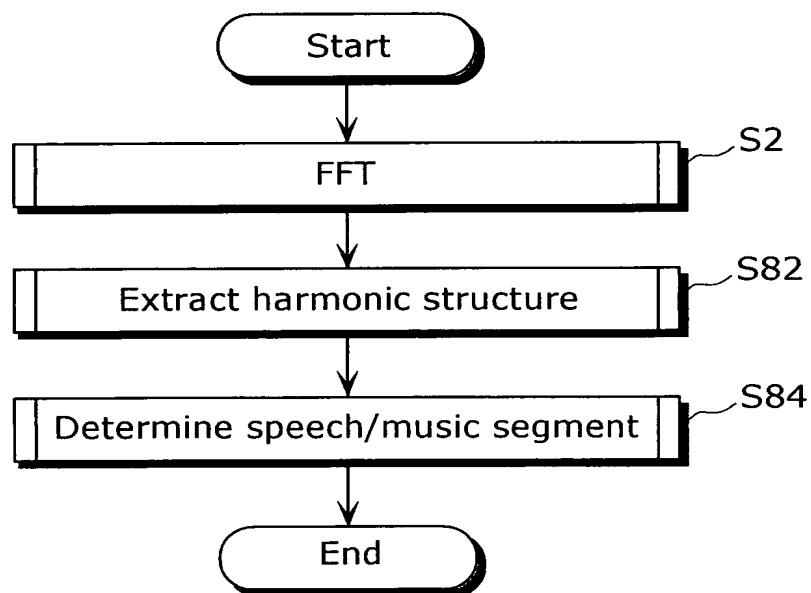


FIG. 11

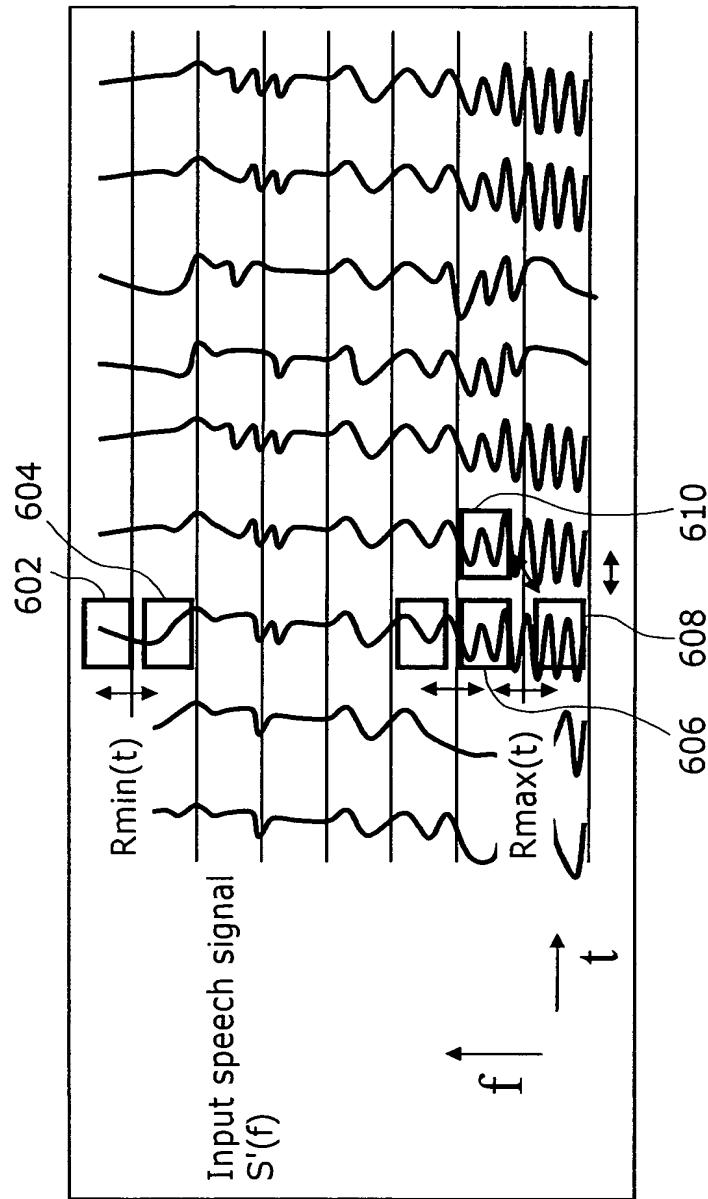


FIG. 12

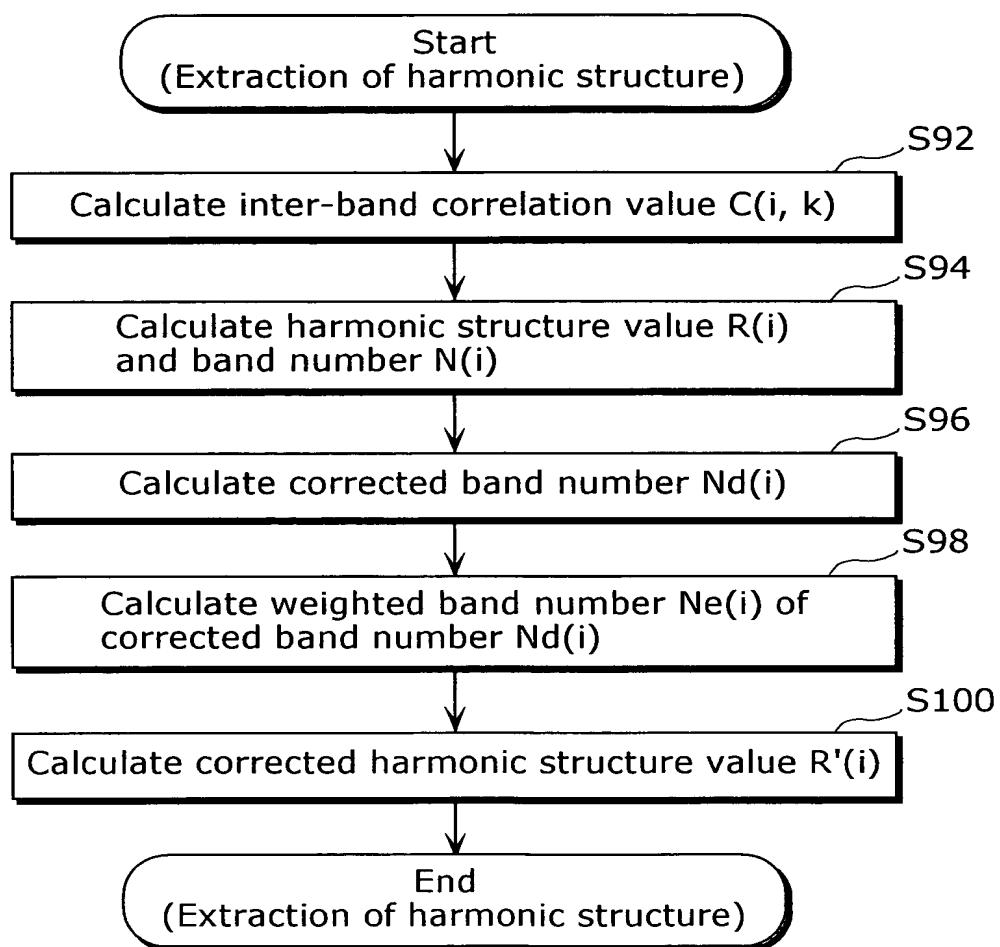


FIG. 13 Speech: Vacuum cleaner noise of 10dB (noise is included)

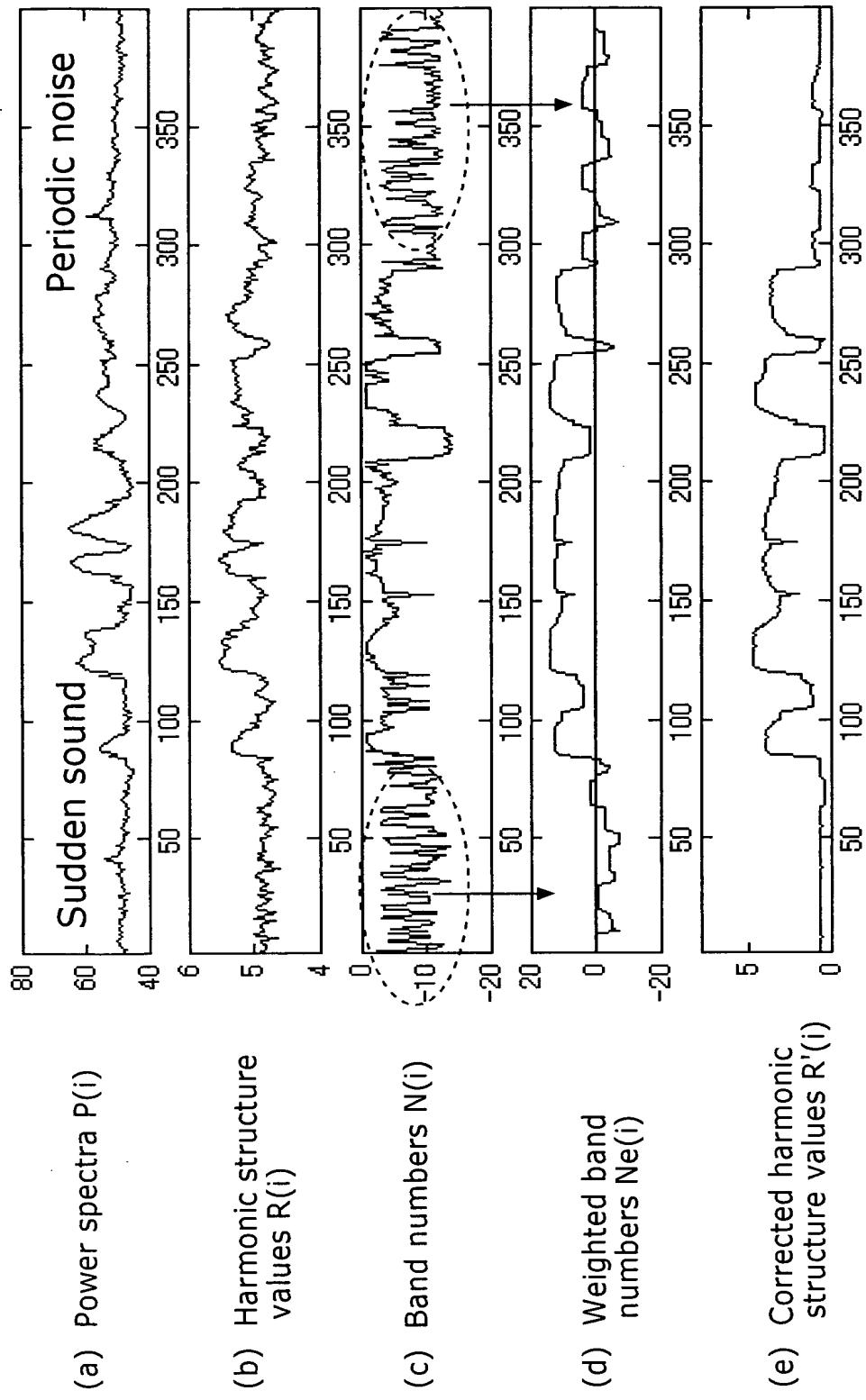


FIG. 14  
Speech: Vacuum cleaner noise of 40dB (no noise is included)

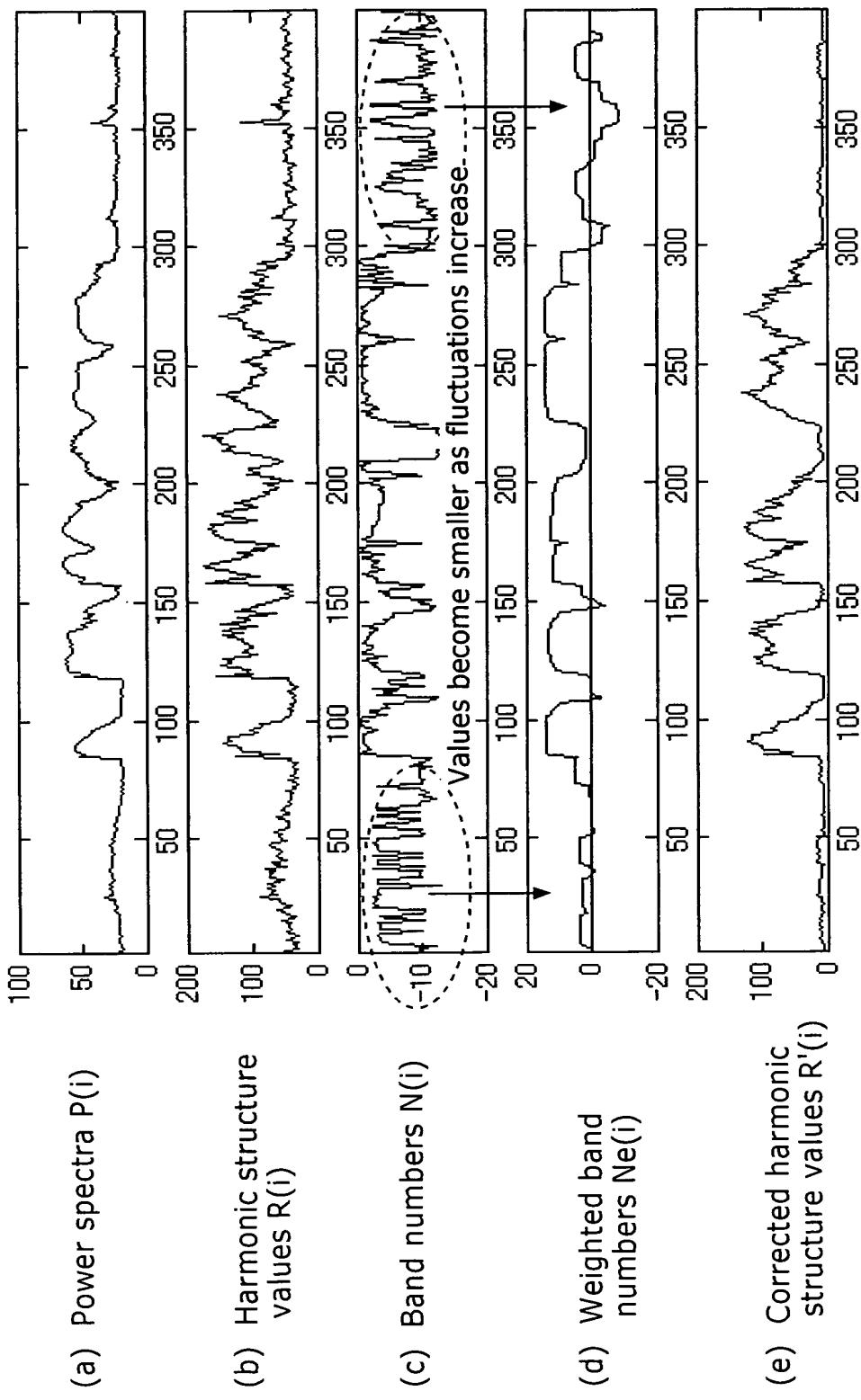


FIG. 15 Music: Pop music (without vocals)

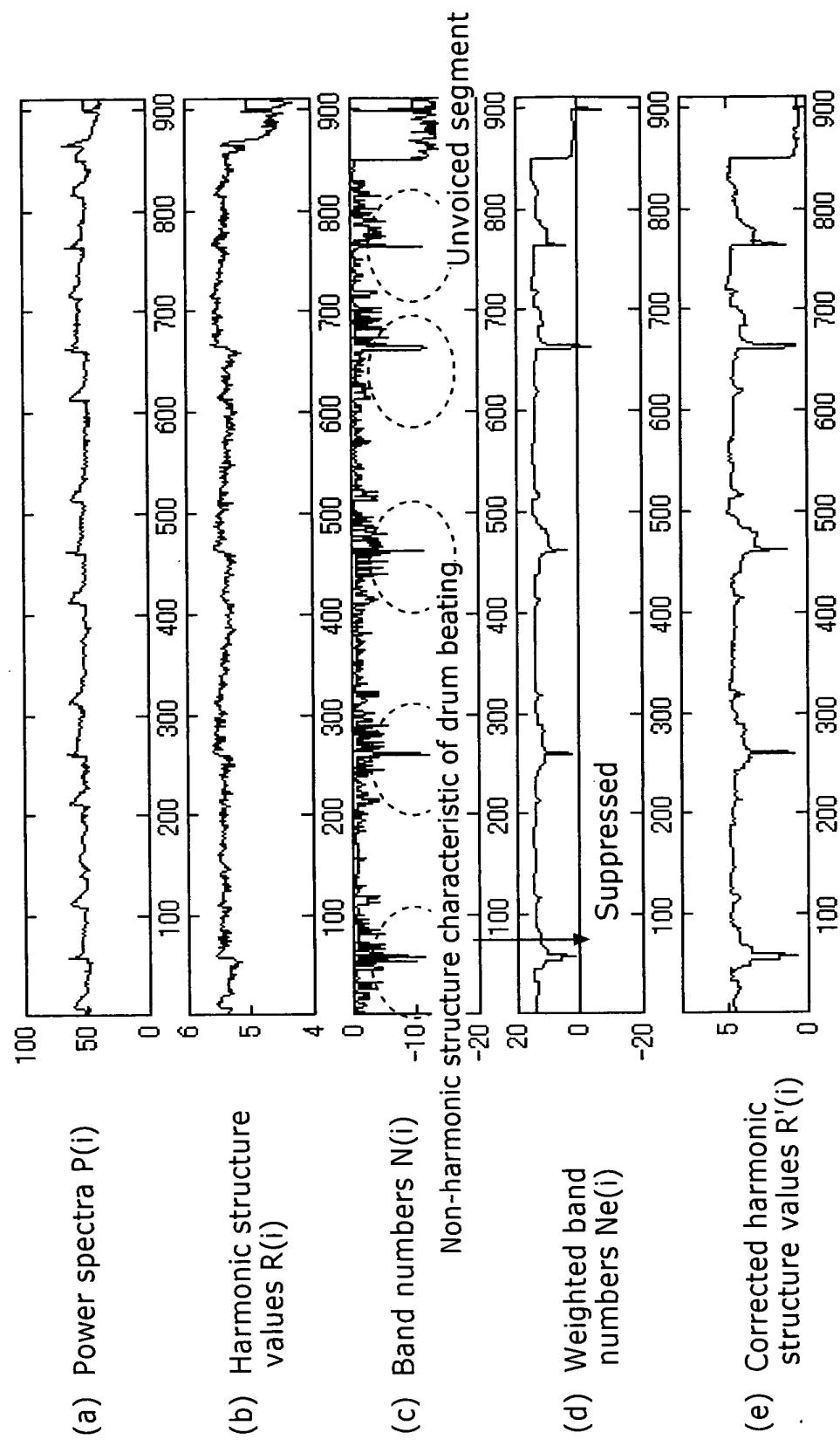


FIG. 16 Speech: Vacuum cleaner noise of 00dB

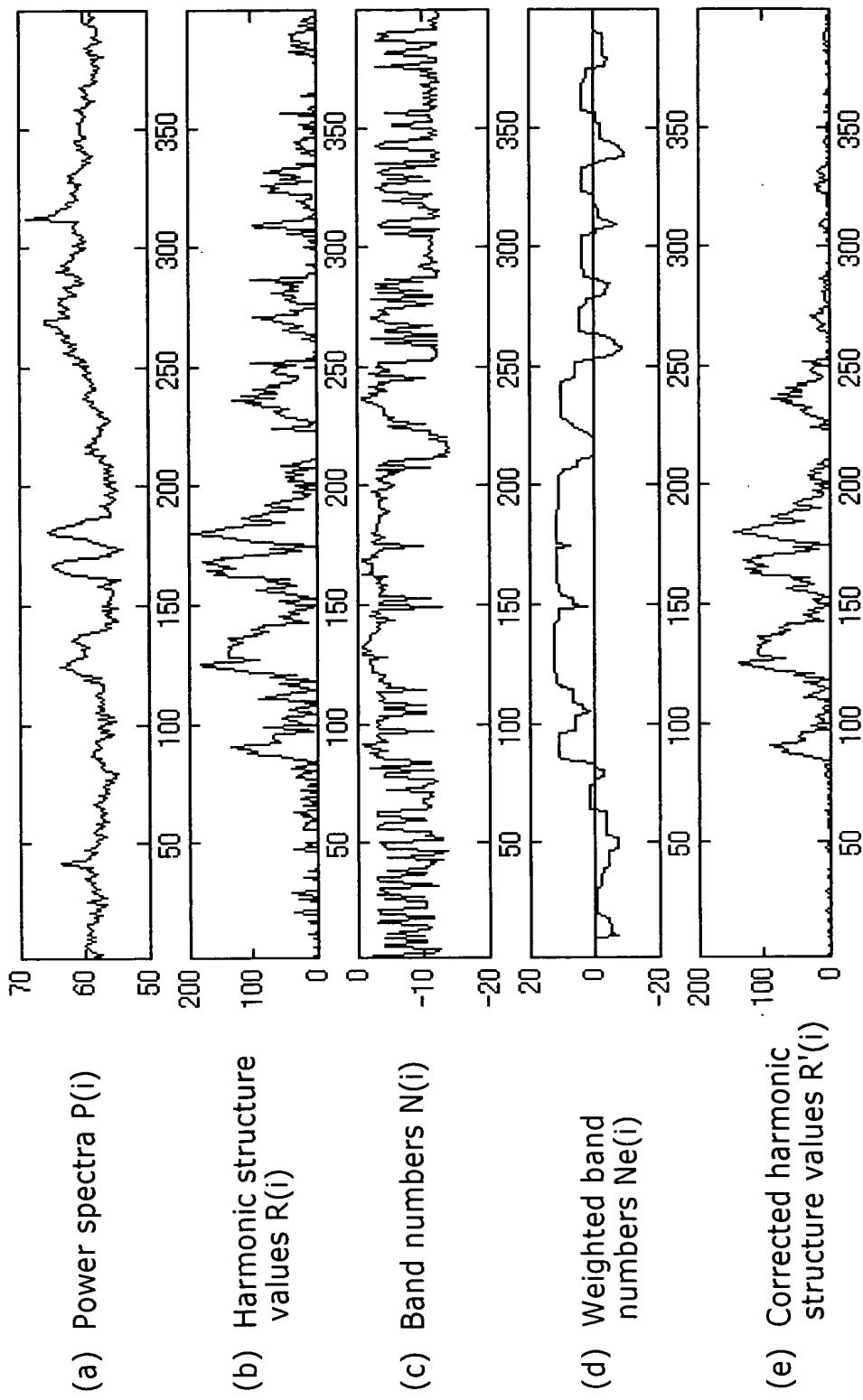


FIG. 17

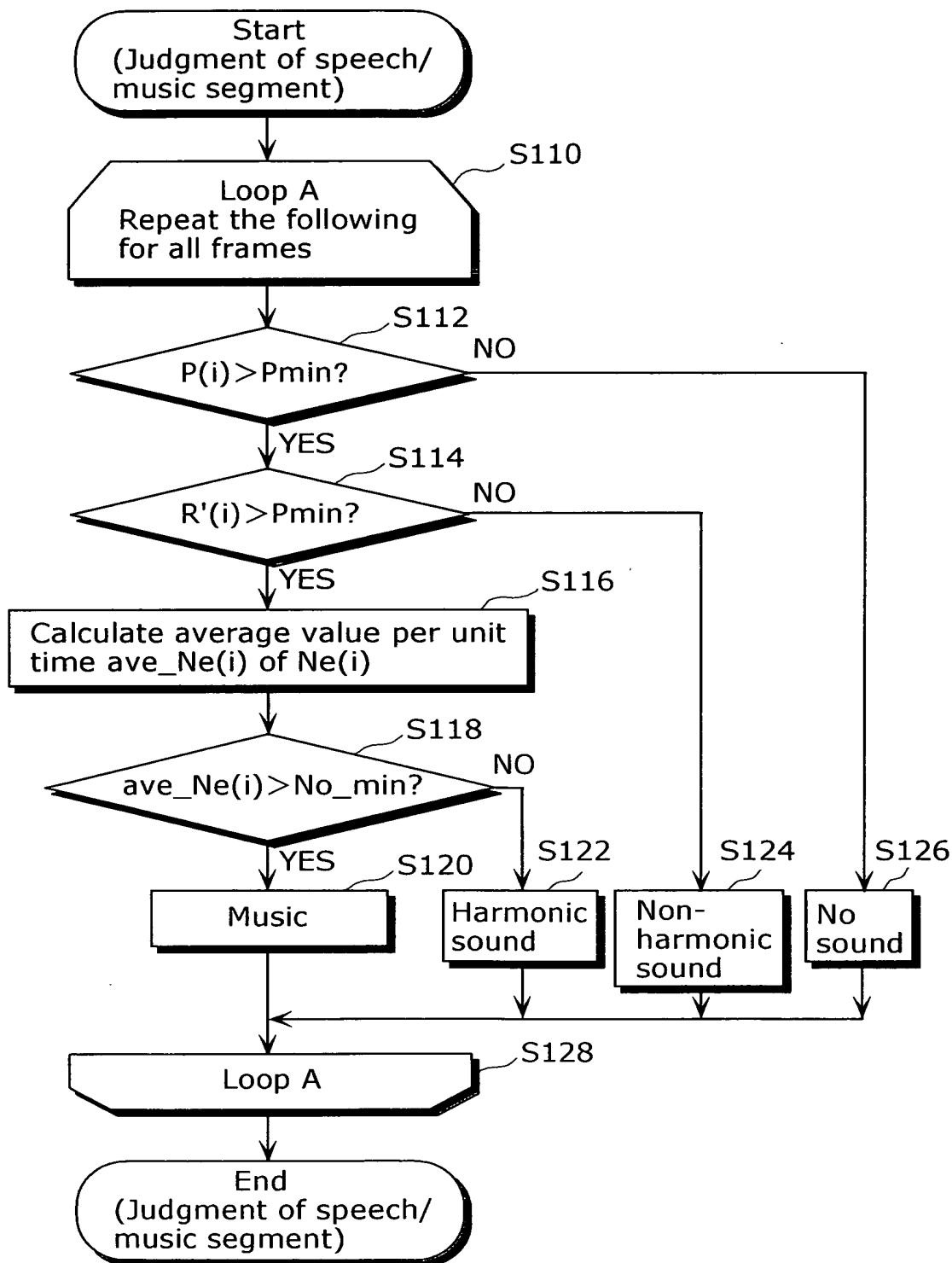


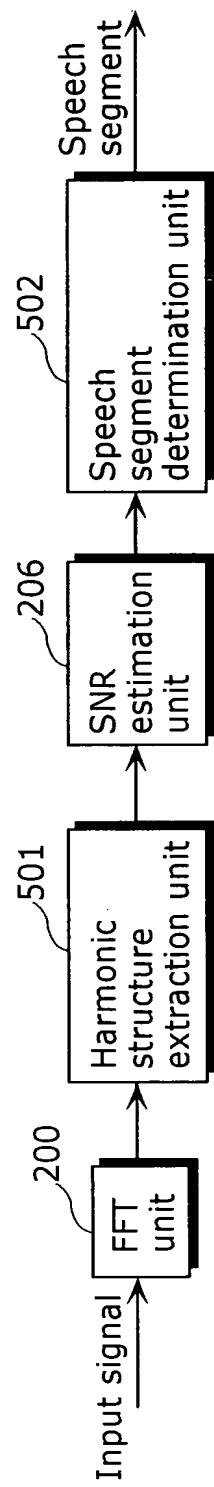
FIG. 18  
40

FIG. 19

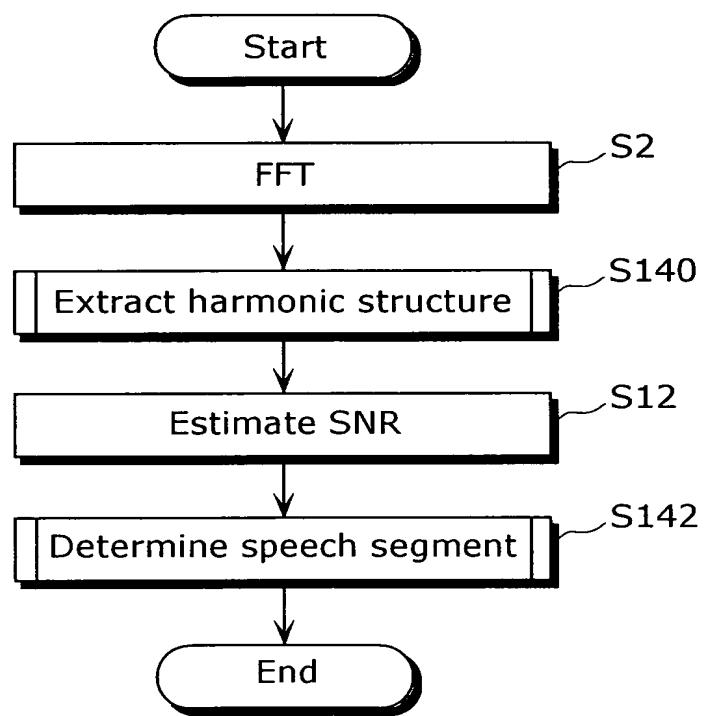


FIG. 20

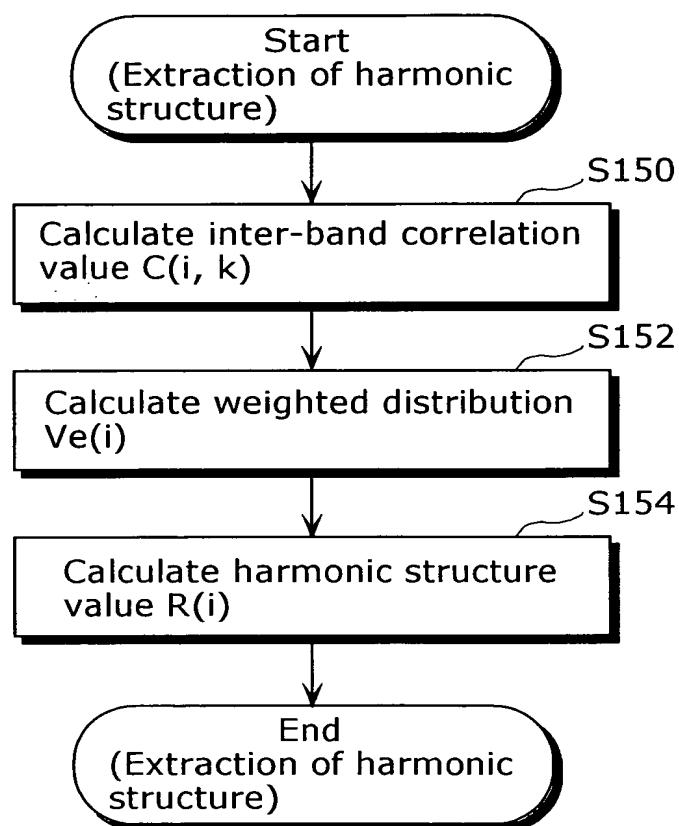


FIG. 21

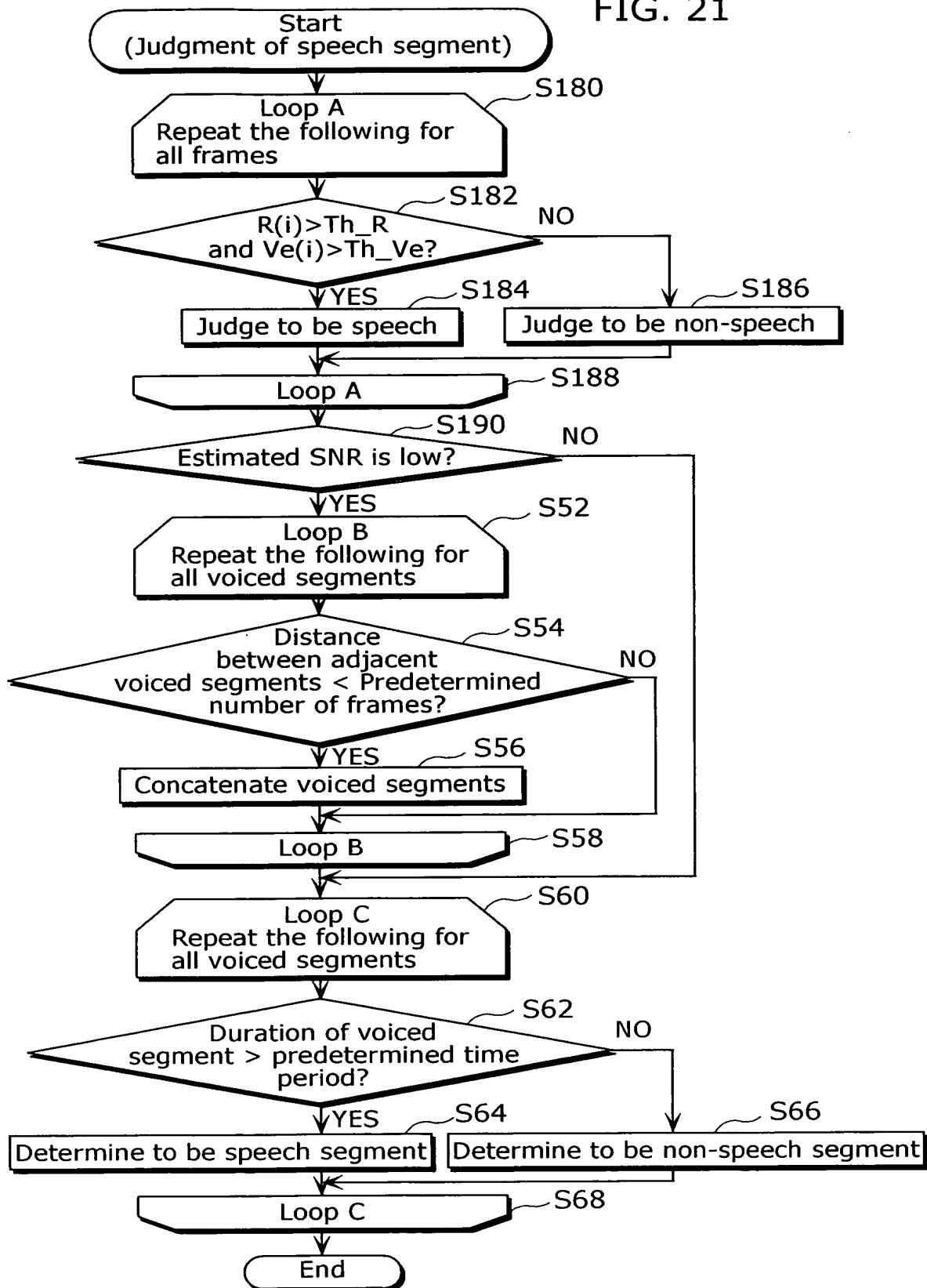


FIG. 22 Speech: Vacuum cleaner noise of 10dB

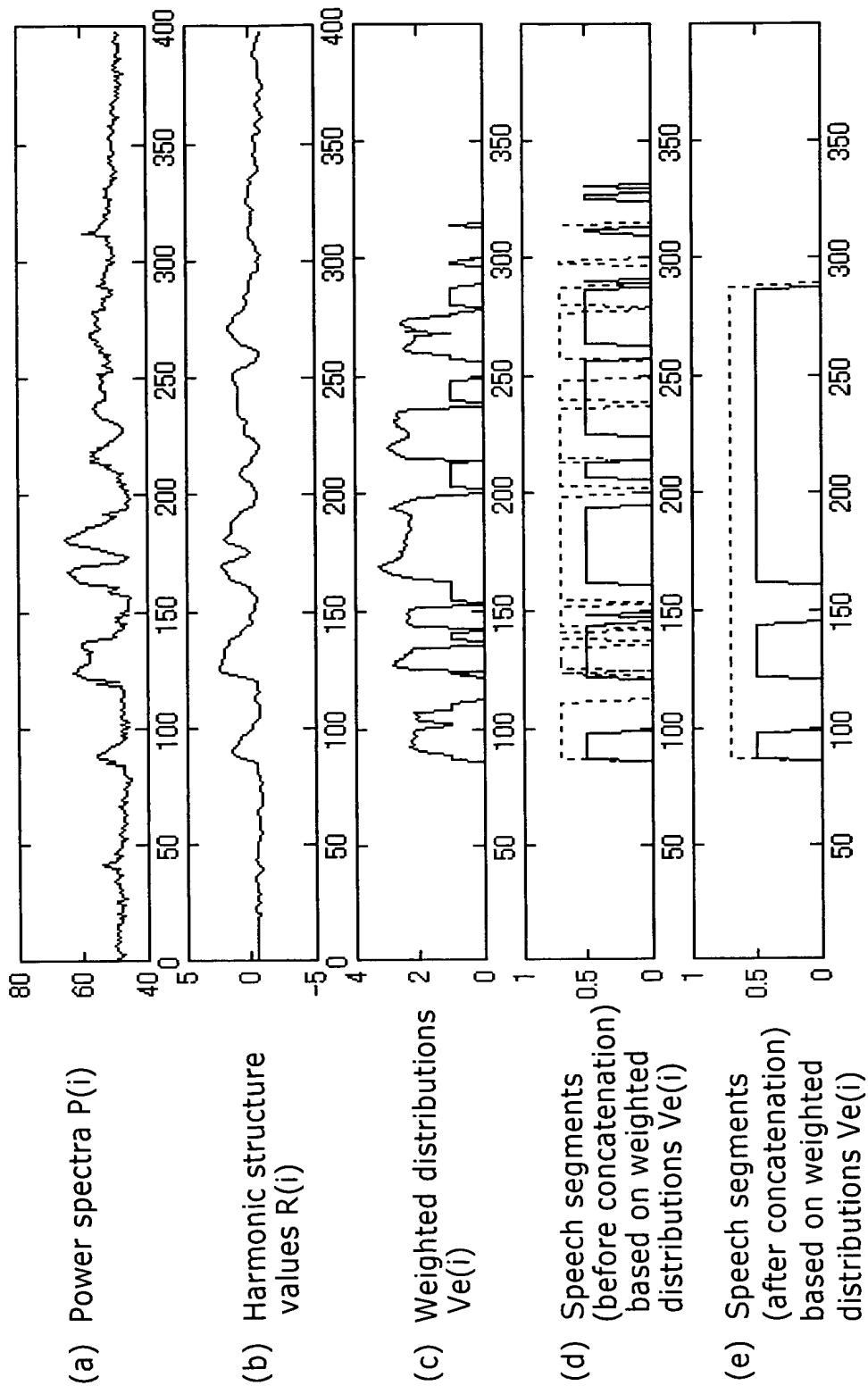


FIG. 23 Speech: Vacuum cleaner noise of 40dB

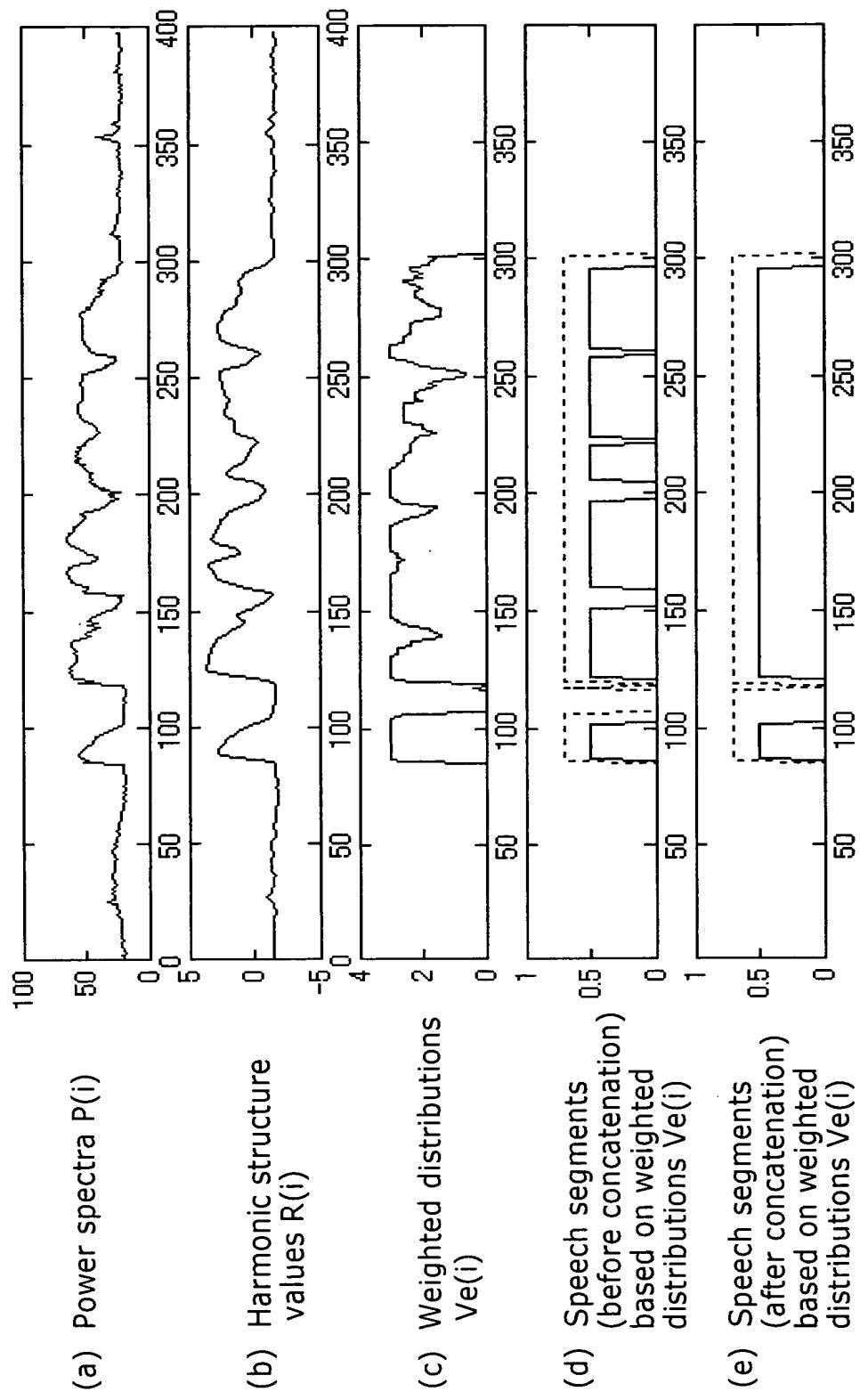


FIG. 24

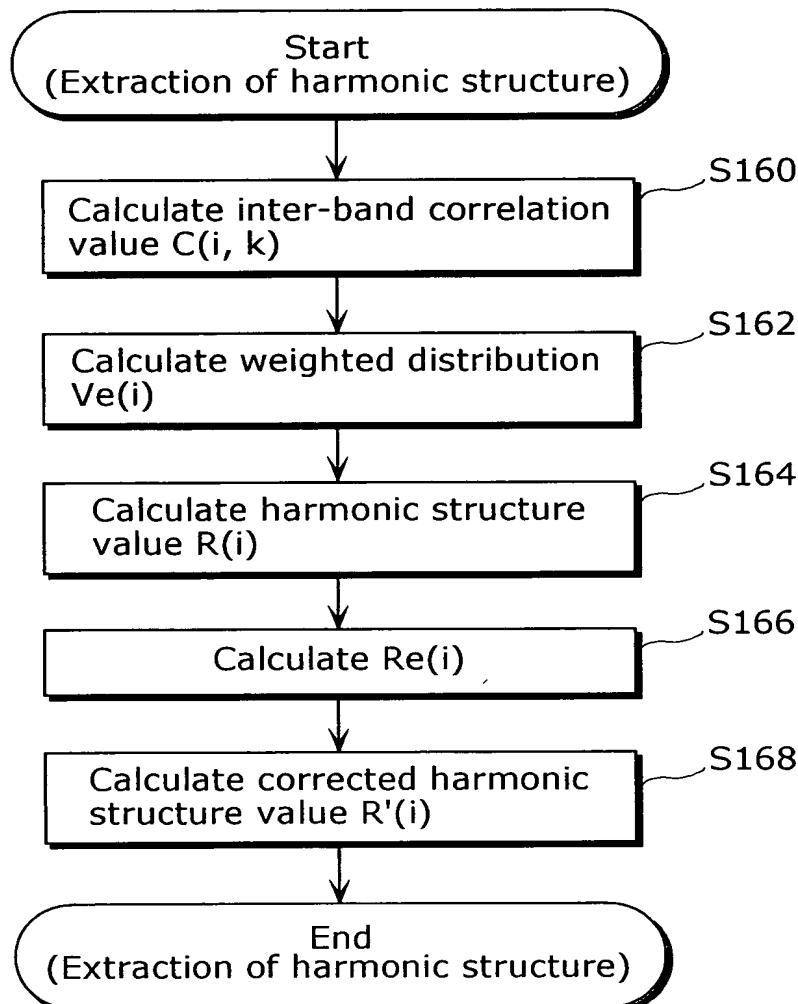
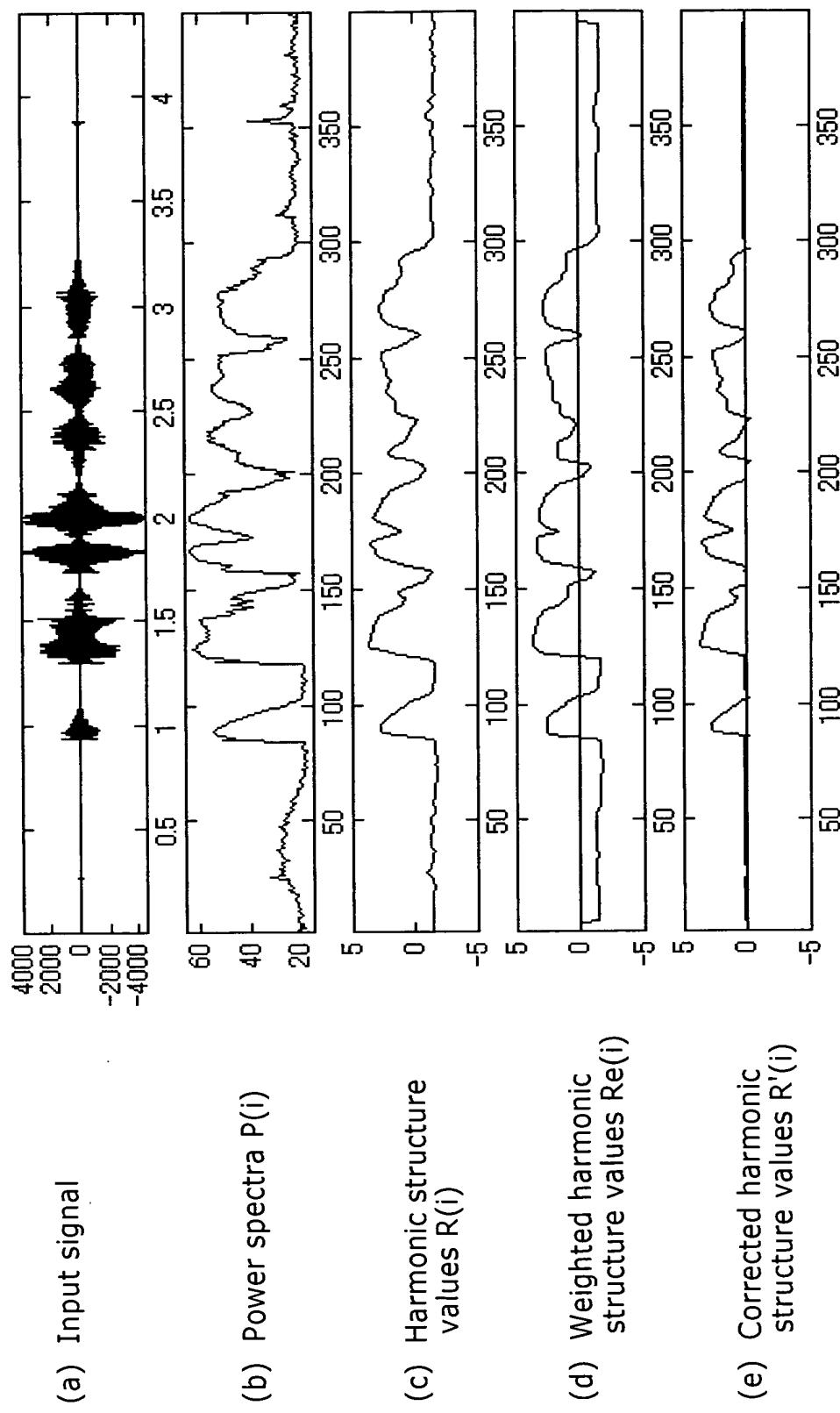
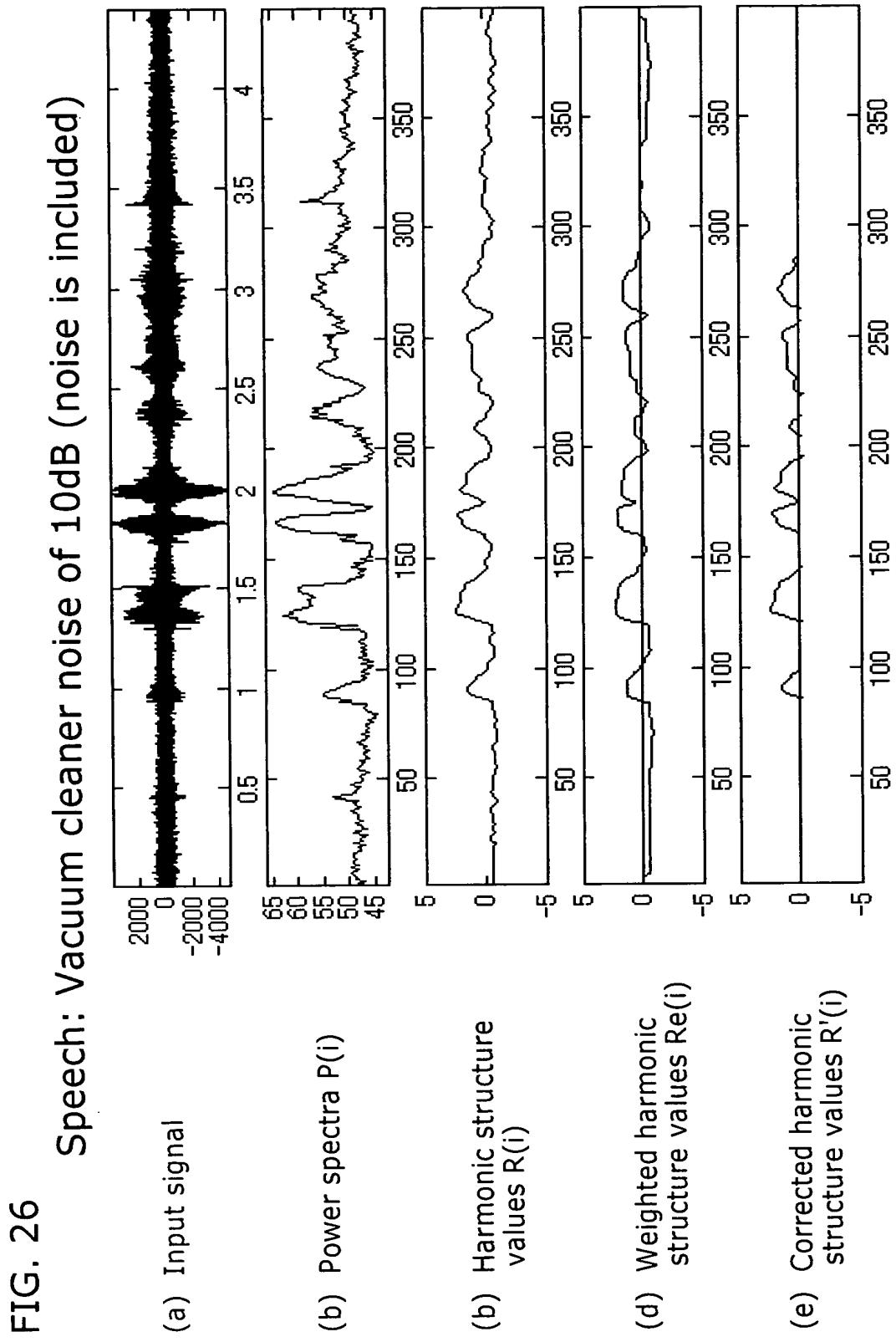


FIG. 25      Speech: Vacuum cleaner noise of 40dB (no noise is included)





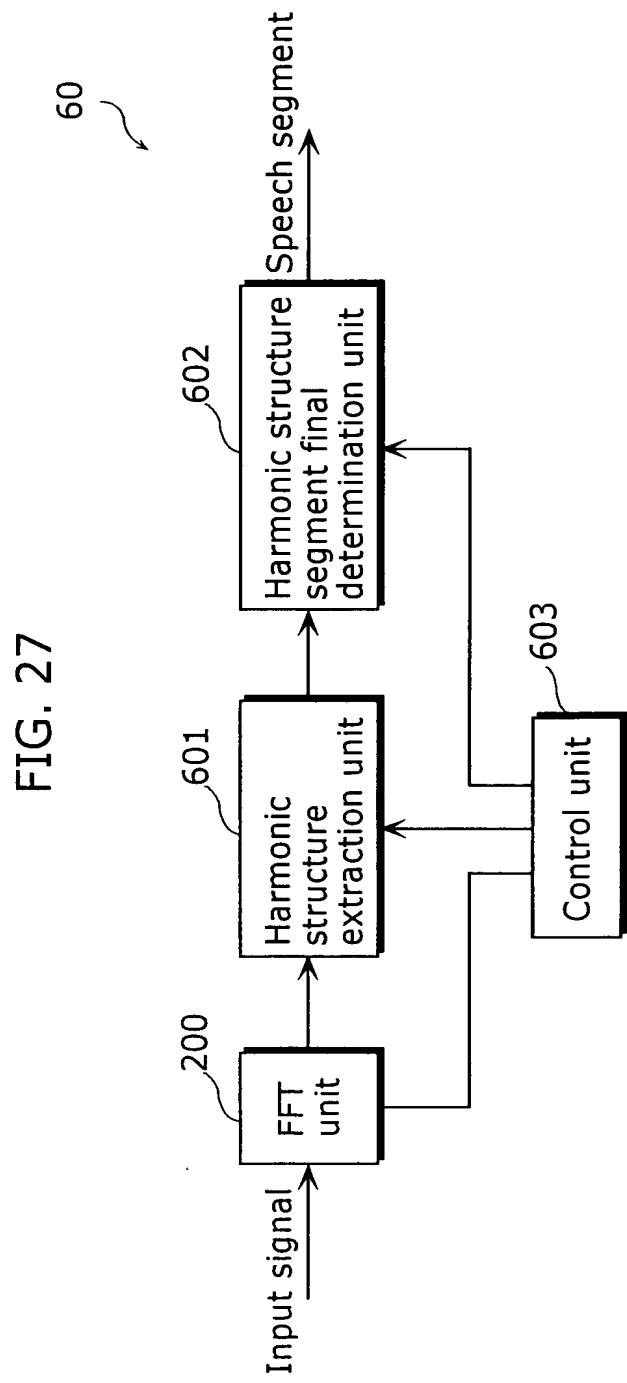


FIG. 28

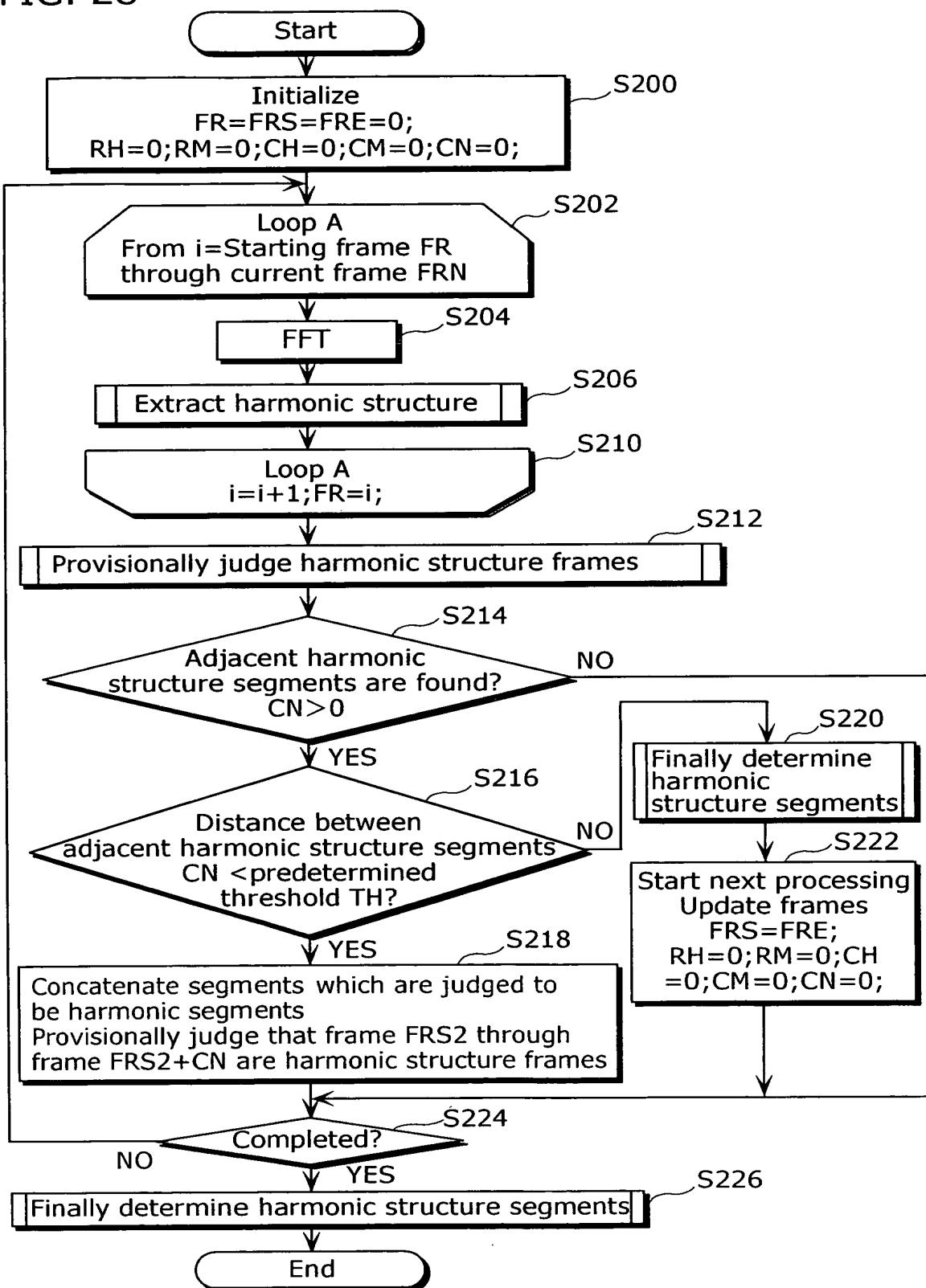
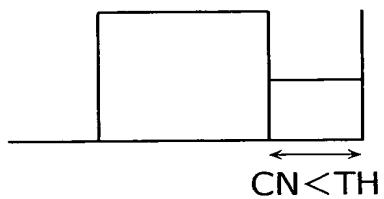


FIG. 29

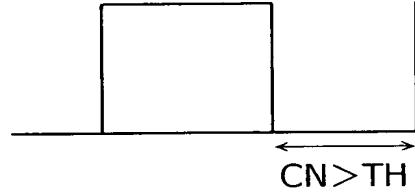
(a)



(b)



(c)



(d)



FIG. 30

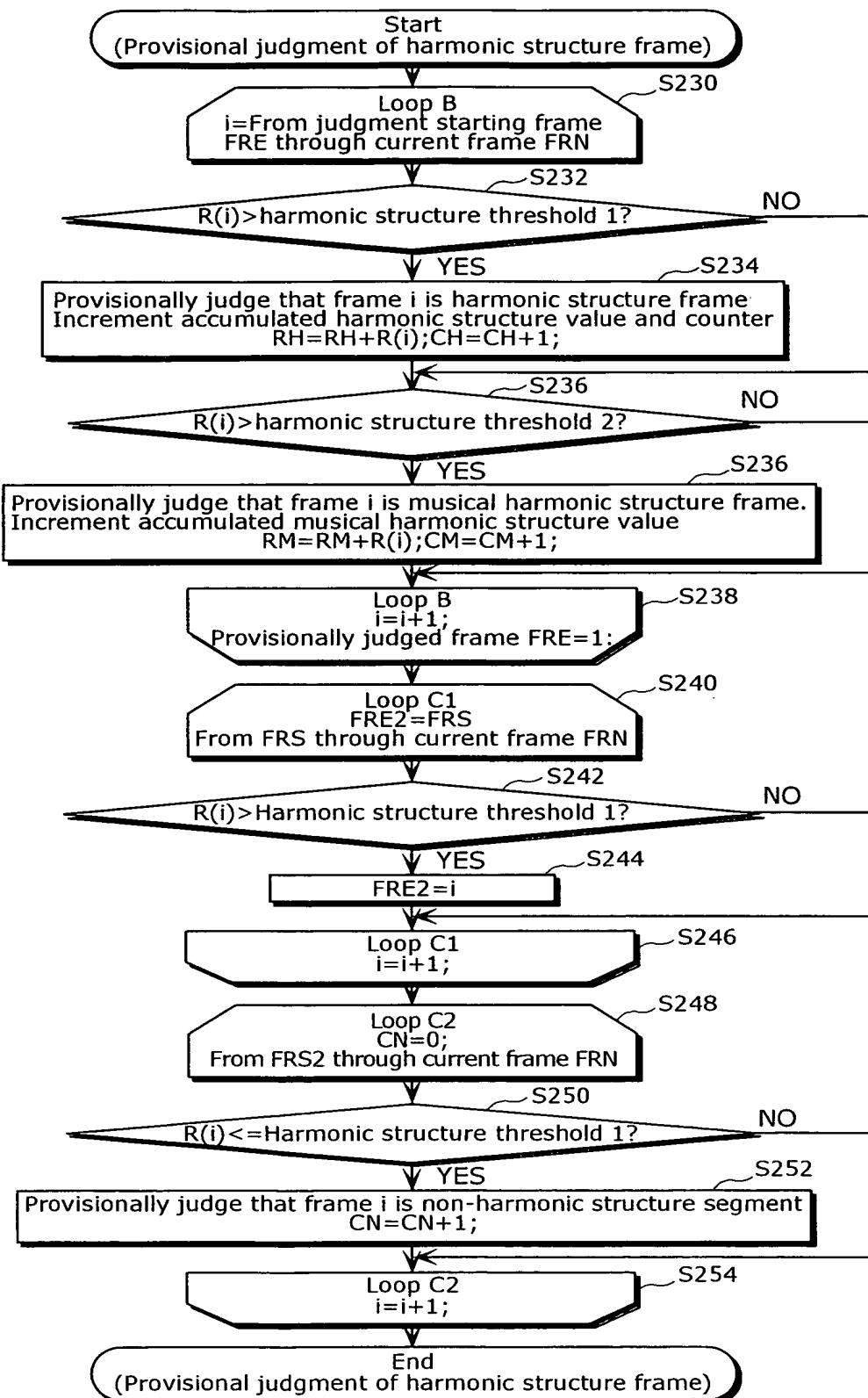


FIG. 31

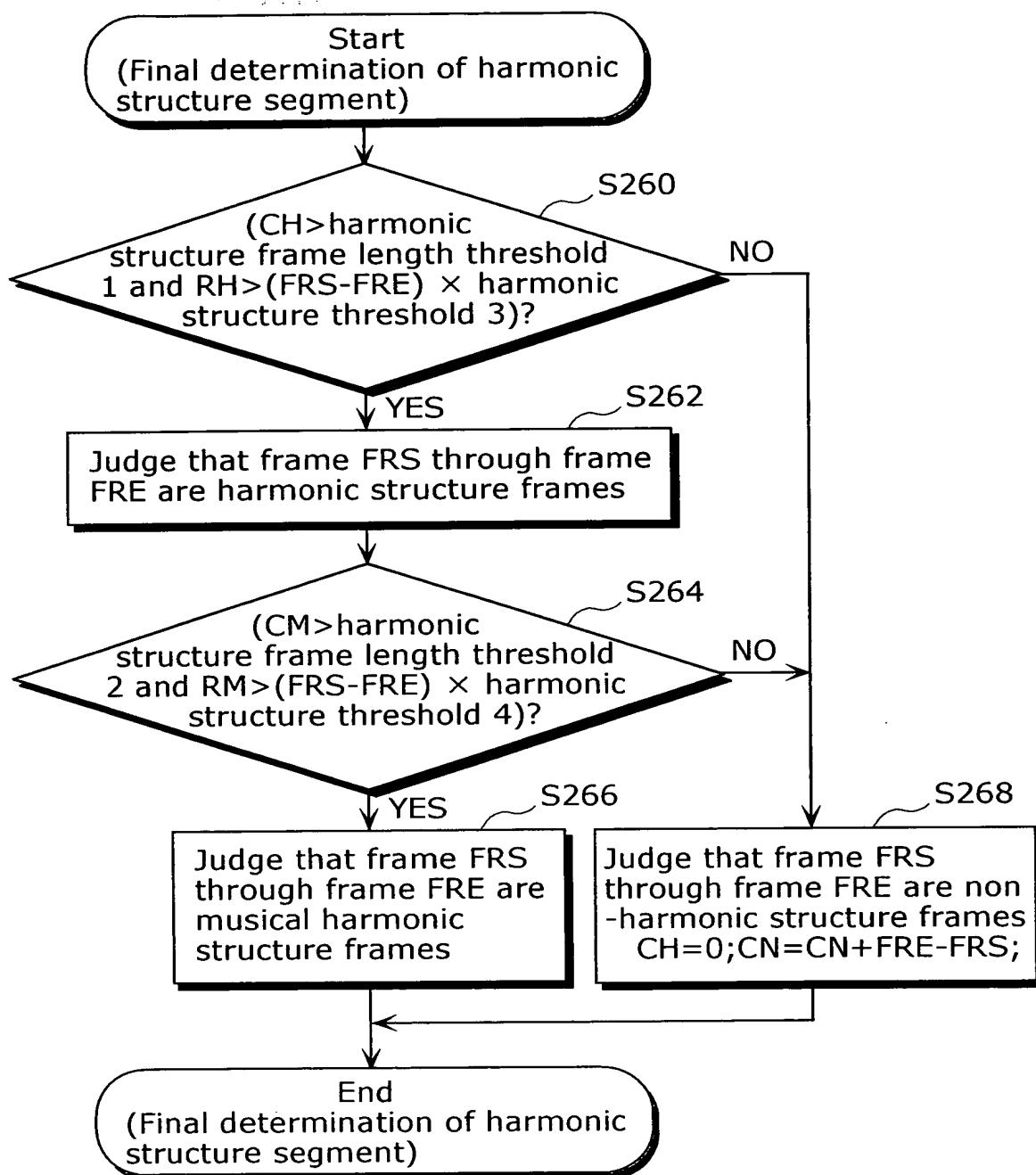


FIG. 32

